BLOODSTAIN PATTERN ANALYSIS FAMILIARIZATION INSTRUCTION

OVERVIEW: A sound familiarization of bloodstain patterns is a key element in the decision making process in regards to crime scene processing and evidence collection.

PURPOSE: The purpose of this course is to discuss and demonstrate the basic principles involved in bloodstain pattern analysis and to review the many variables involved in the pattern creations, as well as, the necessity for proper collection and packaging in regard to bloodstain evidence.

OBJECTIVES: Students will be able to:
1) Understand the basic fluid dynamic principles.
2) Obtain a familiarity with the different categories of bloodstains.
3) Understand the importance of proper collection, documentation, and packaging.
4) See how bloodstain analysis can assist in law enforcement investigations and prosecutions.

ACTIVITIES:
1) Lecture defining the underlying principles of bloodstain theory.
2) Demonstrations creating the different categories of bloodstain accompanied by discussion of the outcome of the events demonstrated.
3) Discussion of proper documentation through notes and photography.
4) Hands-on collection of blood samples with discussion.
5) Hands-on packaging exercises of bloodstain evidence.
6) Presentation of actual case studies defining the significance of bloodstain pattern analysis.
7) Question and Answer block